NAEE 9th ANNUAL CONFERENCE: The National Association for Environmental Education (NAEE) will hold its ninth Annual Conference at the University of New Mexico, Albuquerque, New Mexico, May 25 to 27, 1980.

The theme of the conference is *An Environmental Agenda for the 80s*—discussing the issues and problems that the world can expect to find in the next ten years, such as energy, waste, health, resources, population, values, technology. Activities addressing this theme will include workshops, keynote speakers, symposia, poster sessions, field trips, exhibits, and the presentation of scholarly papers.

Subjects of the two major symposia will be "The Four-Corners Power Project as a Case Study" and "Nuclear Waste Disposal." Smaller symposia will discuss topics such as water, wildlife and endangered species, Indian religions and values, and dealing with controversial topics in the classroom.

The host for the conference is the New Mexico Association for Environmental Education.

For more information write to NAEE, P.O. Box 400, Troy, O. 45373, or call (513) 698-6493.

A RECORD 176.3 MILLION POUNDS of aluminum was collected by Reynolds Aluminum Recycling Company through its nationwide recycling operations during 1979, an 18 percent increase over the company's volume for 1978.

Besides all-aluminum beverage cans and other clean household aluminum products such as pie plates, foil, frozen food and dinner trays, and dip, pudding, and meat containers, Reynolds purchases other aluminum items such as siding, gutters, storm doors and window frames, and lawn furniture tubing, which should be cut to lengths not exceeding three feet and bundled. Aluminum castings, including pots and pans, power lawnmower housings, and barbecue grills are also purchased and recycled by Reynolds.

Location of nearest Reynolds Aluminum recycling collection point may be determined by calling (toll free) (800) 228-2525. [In Nebraska, call collect (402) 471-7888.]

Index To Volume 16 (1979)

Andrews, Edwin S. "Elementary Encounters in Space Science." Spring, p. 18.

"Animal Care in the Classroom" (Gerald C. Llewellyn). Summer, p. 14.

Ankney, Paul. "A Do-It-Yourself Plant Incubator for the Classroom." Fall, p. 6.

ASTRONOMY: Introduction (Joseph D. Exline) and entire issue, Spring.

"Atomic Power Plant Controversy" (Edward Carter). Summer, p. 20.

Beisenherz, Paul C., and Patricia Goldman. "The Many Uses of Methylene Blue." Summer, p. 12.

Bentley, Michael. "Field Trip Stream Study." Summer, p. 8.

"Bionic Amoeba" (Emmett L. Wright). Fall, p. 13.

Blake, Barbara, and Tim Terrell. "Vanguard's Environmental Discovery." Summer, p. 3.

Bolton, Kathy. "Spineless Species." Winter, p. 3.

Box, Lawrence, and Thomas E. McDuffie. "Percy L. Julian: American Scientist." Winter, p. 24.

Burkett, Mary Lee, and Gerald C. Llewellyn. "A Dynamic Flower Model." Fall, p. 18.

"Can a Horse Tell Differences in Color?" (Laura Lynn Williams). Fall, p. 16.

Carter, Edward. "The Atomic Power Plant Controversy." Summer, p. 20.

"Celestial Crossword Puzzle" (Paul H. Knappenberger). Spring, p. 16.

"Chicken Embryo Study Improved" (Marsha Moulder). Winter, p. 10.

"Chladni Figures: Unusual Experiments in Sound" (R. B. Hastings). Fall, p. 9.

Conrad, Jim. "Identification Keys as Teaching Tools." Winter, p. 26.

Cowan, Sarah, et al. "Resources for Teaching Astronomy." Spring, p. 31.

Cowser, R. L., Jr. "How Light Absorption Changes to Heat." Summer, p. 27.

"Daytime Astronomy: A Sundial Contest" (Hubert E. Harber). Spring, p. 5.

Demchik, Michael J. "An Explosion of Words." Fall, p. 38.

"Dial-A-Planet" (Janice Freeman and Joyce Freeman). Spring, p. 42.

"Do-It-Yourself Plant Incubator for the Classroom" (Paul Ankney). Fall, p. 6.

"Dynamic Flower Model" (Mary Lee Burkett and Gerald C. Llewellyn). Fall, p. 18.

EARTH: "Flat Earth" (Gregory L. Vogt). Spring, p. 28.

"Elementary Encounters in Space Science" (Edwin S. Andrews). Spring, p. 18.

EMBRYO STUDY: "Chicken Embryo Study Improved" (Marsha Moulder). Winter, p. 10.

ENVIRONMENTAL EDUCATION: "Vanguard's Environmental Discovery" (Tim Terrell and Barbara Blake). Summer, p. 3.

"Environmentalism: An Approach to Rescue the Disinterested" (Judy

Reinhartz). Fall, p. 27.
ESP: "Experiments in ESP" (Stephen M. Guerin and Clark L. Guerin). Summer, p. 31.
Exline, Joseph D. Introduction to Astronomy Issue. Spring, p. 4.
"Experiments in ESP" (Stephen M. Guerin and Clark L. Guerin). Summer, p. 31.
"Exploring Noise: Sound Pollution, Part I" (Thomas J. Rillo). Fall, p. 32.
"Exploring Noise: Sound Pollution, Part II" (Thomas J. Rillo). Winter, p. 21.
"Explosion of Words in the Curriculum" (Michael J. Demchik). Fall, p. 38.

"Field Trip Stream Study" (Michael Bentley). Summer, p. 8.
"Flat Earth" (Gregory L. Vogt). Spring, p. 28.
FLOWER, *Model*: "A Dynamic Flower Model" (Mary Lee Burkett and Gerald C. Llewellyn). Fall, p. 18.
"Force We Take for Granted" (Alan Ward). Summer, p. 18.
FOSSILIZATION, *Simulating*: "Rust Prints: Simulating Fossils" (Robert G. Hoehn). Summer, p. 28.
Freeman, Janice, and Joyce Freeman. "Dial-A-Planet." Spring, p. 42.

GAMES: "Dial-A-Planet" (Janice Freeman and Joyce Freeman). Spring, p. 42.
GAMES: Special Section. Winter, pp. 3-9.
"Genetic Game" (Richard Latta). Winter, p. 8.
"Geology on the Moon" (H. B. Stonehouse). Spring, p. 22.
Goldman, Patricia, and Paul C. Beisenherz. "Many Uses of Methylene Blue." Summer, p. 12.
GRAVITY: "The Force We Take for Granted" (Alan Ward). Summer, p. 18. "The Puzzle Page" (Alan Ward). Winter, p. 4.
Guerin, Stephen M., and Clark L. Guerin. "Experiments in ESP." Summer, p. 31.

Harber, Hubert E. "Daytime Astronomy: A Sundial Contest." Spring, p. 5.
Hastings, R. B. "Chladni Figures: Unusual Experiments in Sound." Fall, p. 9.
HEAT, *Absorption and Reflection:* "How Light Absorption Changes to Heat" (R. L. Cowser, Jr.). Summer, p. 27.
Hoehn, Robert G. "Is It Really a Meteorite?" Winter, p. 12. "Rust Prints: Simulating Fossils." Summer, p. 28.
"How Light Absorption Changes to Heat" (R. L. Cowser, Jr.). Summer, p. 27.
Hunter, C. Bruce. "The Slide Rule: Lest We Forget." Winter, p. 19.

"Identification Keys as Teaching Tools" (Jim Conrad). Winter, p. 26.
INCUBATOR, *Plant:* "A Do-It-Yourself Plant Incubator for the Classroom" (Paul Ankney). Fall, p. 6.
Index to Volume 15 (1978). Spring, p. 44.
INVERTEBRATES: "Spineless Species" (Kathy Bolton). Winter, p. 3.
"Is It Really a Meteorite?" (Robert G. Hoehn). Winter, p. 12.

"Julian, Percy L.: American Scientist" (Lawrence Box and Thomas E. McDuffie). Winter, p. 24.

KEYING: "Identification Keys as Teaching Tools" (Jim Conrad). Winter, p. 26.
Knappenberger, Paul H. "Celestial Crossword Puzzle." Spring, p. 16. "Retrograde Motion of Mars." Spring, p. 40.

Latta, Richard. "A Genetic Game." Winter, p. 8.
LIFE: *Characteristics and Observations:* "The Bionic Amoeba" (Emmett L. Wright). Fall, p. 13.
Llewellyn, Gerald C. "Animal Care in the Classroom." Summer, p. 14. With Mary Lee Burkett, "A Dynamic Flower Model." Fall, p. 18.

"Many Uses of Methylene Blue." (Paul C. Beisenherz and Patricia Goldman). Summer, p. 12.
Mason, Jack L. "The Overhead Projector as Planetarium." Spring, p. 10.
MATHEMATICS: "The Slide Rule: Lest We Forget." (C. Bruce Hunter). Winter, p. 19.
McDuffie, Thomas E., and Lawrence Box. "Percy L. Julian: American Scientist." Winter, p. 24.
METEORITES: "Is It Really a Meteorite?" (Robert G. Hoehn). Winter, p. 12.
METHYLENE BLUE: "The Many Uses of Methylene Blue" (Paul C. Beisenherz and Patricia Goldman). Summer, p. 12.
Moulder, Marsha. "Chicken Embryo Study Improved." Winter, p. 10.

NCT Features. "Physics Final. . . ." Fall, p. 3.

OBSERVATION: "Smashing Bubbles and Vanishing Sugar" (Alan Ward). Fall, p. 25.
"Overhead Projector as Planetarium" (Jack L. Mason). Spring, p. 10.

"Percy L. Julian: American Scientist" (Lawrence Box and Thomas E. McDuffie). Winter, p. 24.
"Plysics Final . . ." (NCT Features). Fall, p. 3.
PLANETARIUM: "The Overhead Projector as Planetarium" (Jack L. Mason). Spring, p. 10.
"Pollinator Power" (Carolyn M. Wilhelm). Winter, p. 6.
"Puzzle Page (Alan Ward). Winter, p. 4.
PUZZLES: "Celestial Crossword Puzzle" (Paul H. Knappenberger). Spring, p. 16. Special Section. Winter, pp. 3-9.

Reinhartz, Judy. "Environmentalism: An Approach to Rescue the Disinterested." Fall, p. 27.
"Resources for Teaching Astronomy" (Dennis W. Sunal, Cynthia S. Sunal, and Sarah H. Cowan). Spring, p. 31.
"Retrograde Motion of Mars" (Paul H. Knappenberger). Spring, p. 40.
Rillo, Thomas J. "Exploring Noise: Sound Pollution, Part I." Fall, p. 32. "Part II." Winter, p. 21.
"Rust Prints: Simulating Fossils" (Robert G. Hoehn). Summer, p. 28.

SCIENTISTS, *Black:* "Percy L. Julian, American Scientist" (Lawrence Box and Thomas E. McDuffie). Winter, p. 24.
SELF-GUIDING FIELD TRIP: "Field Trip Stream Study" (Michael Bentley). Summer, p. 8.

"Slide Rule: Lest We Forget." (C. Bruce Hunter). Winter, p. 19.
"Smashing Bubbles and Vanishing Sugar" (Alan Ward). Fall, p. 25.
SOUND: "Chladni Figures: Unusual Experiments in Sound" (R. B. Hastings). Fall, p. 9. "Exploring Noise: Sound Pollution, Part I" (Thomas J. Rillo). Fall, p. 32. "Part II" (Thomas J. Rillo). Winter, p. 21.
"Spineless Species" (Kathy Bolton). Winter, p. 3.
Stonehouse, H. B. "Geology on the Moon." Spring, p. 22.
SUN DIALS: "Daytime Astronomy: A Sundial Contest" (Hubert E. Harber). Spring, p. 5.
Sunal, Dennis W., Cynthia S. Sunal, and Sarah H. Cowan. "Resources for Teaching Astronomy." Spring, p. 31.

TEACHING RESOURCES: "Resources for Teaching Astronomy" (Dennis W. Sunal et al.). Spring, p. 31.
Terrell, Tim, and Barbara Blake. "Vanguard's Environmental Discovery." Summer, p. 3.

UNDERACHIEVER, *Motivating:* "Environmentalism: An Approach to Rescue the Disinterested" (Judy Reinhartz). Fall, p. 27.

"Vanguard's Environmental Discovery" (Tim Terrell and Barbara Blake). Summer, p. 3.
VISION: "The Puzzle Page" (Alan Ward). Winter, p. 4. *Animal:* "Can a Horse Tell Differences in Color?" (Laura Lynn Williams). Fall, p. 16.
Vogt, Gregory L. "Flat Earth" Spring, p. 28.

Ward, Alan. "The Force We Take for Granted." Summer, p. 18. "The Puzzle Page." Winter, p. 4. "Smashing Bubbles and Vanishing Sugar." Fall, p. 25.
Wilhelm, Carolyn M. "Pollinator Power." Winter, p. 6.
Williams, Laura Lynn. "Can a Horse Tell Differences in Color?" Fall, p. 16.
WORD ORIGINS: "An Explosion of Words" (Michael J. Demchik). Fall, p. 38.
Wright, Emmett L. "The Bionic Amoeba." Fall, p. 13.

BOOKS REVIEWED, 1979

ADDITIONAL BOOKS AND MATERIALS. Fall, p. 45.
Allen, Arthur James. *A Whaler and Trader in the Arctic: 1895-1944.* Summer, p. 45. (Vagn Flyger)

Bowden, Charles. *Killing the Hidden Waters.* Summer, p. 40. (Malcolm F. Farmer)
Branley, Franklyn M. *Color: From Rainbows to Lasers.* Summer, p. 44. (Van E. Neie)

Caroe, G. M. *William Henry Bragg, 1862-1942: Man and Scientist.* Summer, p. 42. (Gilbert Wright)
Chanute, Octave. *Progress in Flying Machines.* Winter, p. 40. (A. D. Goddard)
Cogswell, Howard L. *Water Birds of California.* Summer, p. 40. (Karl L. Trever)
Coleman, William. *Biology in the Nineteenth Century: Problems of Form, Function, and Transformation*, rev. ed. Summer, p. 45. (Donald J. Zinn)

Froman, Robert. *The Greatest Guessing Game.* Winter, p. 43. (Edwin Halfar)

Grant, Edward. *Physical Science in the Middle Ages.* Summer, p. 40. (Emanuel D. Rudolph)
Gribbin, John, ed. *Climate Change.* Summer, p. 42. (Waring B. Hill)

Hurd, Edith Thacher. *Look for a Bird.* Winter, p. 41. (Sue Hall)

Kaplan, Colin, ed. *Rabies: The Facts.* Winter, p. 40. (L. Wolfinbarger, Jr.)
Kuhn, Thomas S. *The Exxential Tension: Selected Studies in Scientific Tradition and Change.* Winter, p. 40. (Waring B. Hill)
Lucas, David J., et al. *A First Science Dictionary: College Edition.* Summer, p. 41. (Lawrence P. Eblin)

McLaughlin, Terence. *Make Your Own Electricity.* Fall, p. 42. (George G. Mallinson)
McNutt, Kristen W., and David R. McNutt. *Nutrition and Food Choices.* Summer, p. 44. (Manfred Kroger)

Nelkin, Dorothy. *Science Textbook Controversies and the Politics of Equal Time.* Winter, p. 39. (Russell F. Trimble)

Phillips, Owen. *The Last Chance Energy Book.* Winter, p. 38. (James W. O'Leary)
Piltz, Albert, and Robert Sund. *Creative Teaching of Science in the Elementary School*, 2d ed. Summer, p. 41. (Herbert H. Grossman)

Ransom, C. J. *The Age of Velikovsky.* Fall, p. 42. (Gilbert Wright)
Ratkevich, Ronald Paul, ed. *Dinosaurs of the Southwest.* Fall, p. 45. (Donald J. Nash)
Rowe, Mary Budd. *Teaching Science as Continuous Inquiry: A Basic.* Summer, p. 43. (Elmer F. Kohlmiller)

Schaller, George B. *Mountain Monarchs: Wild Sheep and Goats of the Himalaya.* Fall, p. 44. (Robert W. Boenig)
SIPRI (Stockholm International Peace Research Institute). *Outer Space: Battlefield of the Future.* Fall, p. 44. (Donald F. Logsdon, Jr.)
Steele, William O. *Talking Bones: Secrets of Indian Burial Mounds.* Winter, p. 43. (Ralph M. Rowlett)
Suppe, Frederick, ed. *The Structure of Scientific Theories.* Winter, p. 42. (Austin T. Hyde, Jr.)

UNESCO. *Study Abroad.* Winter, p. 44. (note)

Vevers, Gwynne. *Octopus, Cuttlefish, and Squid.* Winter, p. 44. (Donald Schwartz)

Westfall, Richard S. *The Construction of Modern Science: Mechanism and Mechanics.* Fall, p. 43. (Gerald R. Rising)

Young, Louise B. *Earth's Aura.* Winter, p. 41. (Steven W. Sokolowski)